RAW SEQUENCE LISTING
PATENT APPLICATION   *US/08/823,980B*

INPUT SET: S30532.raw

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This Raw Listing contains the General
Information Section and up to the first 5 pages.
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 1                               SEQUENCE LISTING
 2
 3   (1)     General Information:                    ENTERED
 4
 5        (i) APPLICANT: Weiner, Amy J.
 6                      Houghton, Michael
 7
 8      (ii) TITLE OF INVENTION: Conserved Motif of Hepatitis C Virus
 9              E2/NS1 Region
10
11     (iii) NUMBER OF SEQUENCES: 134
12
13      (iv) CORRESPONDENCE ADDRESS:
14           (A) ADDRESSEE: Chiron Corporation
15           (B) STREET: 4560 Horton Street
16           (C) CITY: Emeryville
17           (D) STATE: CA
18           (E) COUNTRY: USA
19           (F) ZIP: 94608-2916
20
21       (v) COMPUTER READABLE FORM:
22           (A) MEDIUM TYPE: Floppy disk
23           (B) COMPUTER: IBM PC compatible
24           (C) OPERATING SYSTEM: PC-DOS/MS-DOS
25           (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
26
27      (vi) CURRENT APPLICATION DATA:
28           (A) APPLICATION NUMBER: US 08/823,980
29           (B) FILING DATE: 25-MARCH-1997
30           (C) CLASSIFICATION:
31
32    (viii) ATTORNEY/AGENT INFORMATION:
33           (A) NAME: Rosen, Mark J.
34           (B) REGISTRATION NUMBER: 39,822
35           (C) REFERENCE/DOCKET NUMBER: CHIR-0108
36
37      (ix) TELECOMMUNICATION INFORMATION:
38           (A) TELEPHONE: 215-564-6525
39           (B) TELEFAX: 215-568-3439
40
41
42   (2) INFORMATION FOR SEQ ID NO:1:
43
44        (i) SEQUENCE CHARACTERISTICS:
45           (A) LENGTH: 6 amino acids
46           (B) TYPE: amino acid
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PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION *US/08/823,980B*

DATE: 02/08/1999
TIME: 09:50:37

INPUT SET: S30532.raw

```
47                    (C) STRANDEDNESS: single
48                    (D) TOPOLOGY: linear
49
50          (ii) MOLECULE TYPE: peptide
51
52
53          (ix) FEATURE:
54                    (A) NAME/KEY: Xaa
55                    (B) LOCATION: 1
56                    (D) OTHER INFORMATION: /label= variable
57                            /note= "Represents Ala, Arg, Asp, Gly, Lys, Ser,
58                            or Thr"
59
60          (ix) FEATURE:
61                    (A) NAME/KEY: Xaa
62                    (B) LOCATION: 2
63                    (D) OTHER INFORMATION: /label= variable
64                            /note= "Represents Ile, Leu, Met, Phe or Trp"
65
66          (ix) FEATURE:
67                    (A) NAME/KEY: Xaa
68                    (B) LOCATION: 3
69                    (D) OTHER INFORMATION: /label= variable
70                            /note= "Represents Leu or Phe"
71
72          (ix) FEATURE:
73                    (A) NAME/KEY: Xaa
74                    (B) LOCATION: 6
75                    (D) OTHER INFORMATION: /label= variable
76                            /note= "Represents Ala or Gly"
77
78
79          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
80
81          Xaa Xaa Xaa Xaa Xaa Xaa
82          1               5
83
84
85  (2) INFORMATION FOR SEQ ID NO:2:
86
87          (i) SEQUENCE CHARACTERISTICS:
88                    (A) LENGTH: 32 amino acids
89                    (B) TYPE: amino acid
90                    (C) STRANDEDNESS: single
91                    (D) TOPOLOGY: linear
92
93          (ii) MOLECULE TYPE: peptide
94
95          (ix) FEATURE:
96                    (A) NAME/KEY: Xaa
97                    (B) LOCATION: 1
98                    (D) OTHER INFORMATION: /label= Dpr
99                            /note= 2,3-diaminopropionic is acetyl cysteine
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PAGE: 3

RAW SEQUENCE LISTING
PATENT APPLICATION *US/08/823,980B*

DATE: 02/08/1999
TIME: 09:50:37

INPUT SET: S30532.raw

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100
101        (ix) FEATURE:
102             (A) NAME/KEY: Xaa
103             (B) LOCATION: 2
104             (D) OTHER INFORMATION: /label= Ahe
105                     /note= 2-amino heptanoic is butyl alanine
106
107
108
109
110
111        (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
112
113        Xaa Xaa Glu Thr His Val Thr Gly Gly Ser Ala Gly His Thr Val Ser
114          1               5                 10                  15
115
116        Gly Phe Val Ser Leu Leu Ala Pro Gly Ala Lys Gln Asn Val Gln Leu
117                      20                  25                  30
118
119
120
121    (2) INFORMATION FOR SEQ ID NO:3:
122
123        (i) SEQUENCE CHARACTERISTICS:
124             (A) LENGTH: 5 amino acids
125             (B) TYPE: amino acid
126             (C) STRANDEDNESS: single
127             (D) TOPOLOGY: linear
128
129        (ii) MOLECULE TYPE: peptide
130
131
132
133        (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
134
135        Val Ser Leu Leu Ala
136          1               5
137
138
139    (2) INFORMATION FOR SEQ ID NO:4:
140
141        (i) SEQUENCE CHARACTERISTICS:
142             (A) LENGTH: 7 amino acids
143             (B) TYPE: amino acid
144             (C) STRANDEDNESS: single
145             (D) TOPOLOGY: linear
146
147        (ii) MOLECULE TYPE: peptide
148
149
150
151        (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
152
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153        Ser Leu Leu Ala Pro Gly Ala
154        1               5
155
156
157    (2) INFORMATION FOR SEQ ID NO:5:
158
159        (i) SEQUENCE CHARACTERISTICS:
160            (A) LENGTH: 5 amino acids
161            (B) TYPE: amino acid
162            (C) STRANDEDNESS: single
163            (D) TOPOLOGY: linear
164
165    (ii) MOLECULE TYPE: peptide
166
167
168
169    (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
170
171        Leu Ala Pro Gly Ala
172        1               5
173
174
175
176    (2) INFORMATION FOR SEQ ID NO:6:
177
178        (i) SEQUENCE CHARACTERISTICS:
179            (A) LENGTH: 7 amino acids
180            (B) TYPE: amino acid
181            (C) STRANDEDNESS: single
182            (D) TOPOLOGY: linear
183
184    (ii) MOLECULE TYPE: peptide
185
186
187    (ix) FEATURE:
188            (A) NAME/KEY: Xaa
189            (B) LOCATION: 7
190            (D) OTHER INFORMATION: /label= variable
191                    /note= "Represents Ala, Pro or Ser"
192
193
194    (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
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196        Ser Leu Leu Xaa Xaa Gly Xaa
197        1               5
198
199
200    (2) INFORMATION FOR SEQ ID NO:7:
201
202        (i) SEQUENCE CHARACTERISTICS:
203            (A) LENGTH: 7 amino acids
204            (B) TYPE: amino acid
205            (C) STRANDEDNESS: single
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PAGE: 5

RAW SEQUENCE LISTING
PATENT APPLICATION *US/08/823,980B*

DATE: 02/08/1999
TIME: 09:50:38

INPUT SET: S30532.raw

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206                    (D) TOPOLOGY: linear
207
208        (ii) MOLECULE TYPE: peptide
209
210
211        (ix) FEATURE:
212                    (A) NAME/KEY: Xaa
213                    (B) LOCATION: 7
214                    (D) OTHER INFORMATION: /label= variable
215                            /note= "Represents Ala, Pro or Ser"
216
217
218        (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
219
220        Ser Leu Phe Xaa Xaa Gly Xaa
221        1               5
222
223
224
225    (2) INFORMATION FOR SEQ ID NO:8:
226
227        (i) SEQUENCE CHARACTERISTICS:
228                    (A) LENGTH: 31 amino acids
229                    (B) TYPE: amino acid
230                    (C) STRANDEDNESS: single
231                    (D) TOPOLOGY: linear
232
233        (ii) MOLECULE TYPE: peptide
234
235        (ix) FEATURE:
236                    (A) NAME/KEY: Xaa
237                    (B) LOCATION: 1
238                    (D) OTHER INFORMATION: /label= variable
239                            /note= "Represents Ala, Ser, Glu, Gln, Gly, His, Thr,
240                            Asp, Arg, Lys, Asn, or Val"
241
242        (ix) FEATURE:
243                    (A) NAME/KEY: Xaa
244                    (B) LOCATION: 3
245                    (D) OTHER INFORMATION: /label= variable
246                            /note= "Represents Tyr, Gln, Arg, His, Thr, Asn, Ile,
247                            Leu, or Ser"
248
249        (ix) FEATURE:
250                    (A) NAME/KEY: Xaa
251                    (B) LOCATION: 8
252                    (D) OTHER INFORMATION: /label= variable
253                            /note= "Represents Ala, Gln, Val, Ile, Asn, Thr, Ser,
254                            Lys, Glu, Arg, or His"
255
256        (ix) FEATURE:
257                    (A) NAME/KEY: Xaa
258                    (B) LOCATION: 14
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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION   *US/08/823,980B*

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